

Klippon TB QL (Terminal Box - Quarter Lock) KTB QL 303020 S4E0

Weidmüller Interface GmbH & Co. KG
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Product image



Abbildung ähnlich

Stainless steel enclosures for use in areas exposed to explosion hazards

The Klippon® TB enclosure range provides excellent performance characteristics, even under the most difficult environmental conditions. In addition, it complies with the stricter requirements of potentially explosive atmospheres found specifically in the process or power generation industries. The new Klippon® TB QL enclosure range offers further improvements to a product line that is already successfully leading the market.

General ordering data

Type	KTB QL 303020 S4E0
Order No.	1200060000
Version	Klippon TB QL (Terminal Box - Quarter Lock), Empty enclosure, stainless steel enclosure, Height: 306 mm, Width: 306 mm, Depth: 200 mm, Material: Stainless steel 1.4404 (316L), electropolished, silver
GTIN (EAN)	4032248983001
Qty.	1 pc(s).

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Technical data**Dimensions and weights**

Width	306 mm	Width (inches)	12.047 inch
Height	306 mm	Height (inches)	12.047 inch
Depth	200 mm	Depth (inches)	7.874 inch
Mounting dimension - width	332 mm	Mounting dimension - height	203 mm
Net weight	7,436 g		

Cable glands, left

M12	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

Cable glands, right

M12	33	M16	22
M20	14	M25	12
M32	6	M40	5
M50	2	M63	2
M75	1		

Cable glands, top/bottom

M12	40	M16	26
M20	17	M25	14
M32	8	M40	6
M50	3	M63	2
M75	2		

Certificate numbers enclosure

Certificate no. assembled enclosure (ATEX)	IBExU14ATEX1050	Certificate no. empty enclosure (ATEX)	IBExU14ATEX1028 U
Certificate no. assembled enclosure (IECEX)	IECEX IBE 14.0013	Certificate no. empty enclosure (IECEX)	IECEX IBE 14.0004U
Certificate no., assembled enclosure (EAC)	RU C-DE.ГБ08.B.01328	Certificate no., empty enclosure (EAC)	RU C-DE.ГБ08.B.00472
Certificate no. assembled enclosure (INMETRO)	IEx 17.0021	Certificate no. empty enclosure (INMETRO)	IEx 17.0020U
Certificate no. assembled enclosure (AEx)	E223792	Certificate no. empty enclosure (NEPSI)	GYJ14.1308U
Certificate no. assembled enclosure (NEPSI)	GYJ14.1309	Certificate no., assembled enclosure (KOSHA)	16-AV4BO-0245X
Certificate no. (cULus)	E243298		

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Technical data**General information**

AF size 1	10 mm	Access opening: height	253 mm
Access opening: width		Areas of use	Explosive risk zone, Process industry, Oil and gas industry, Chemical industry, Offshore, Onshore
	247 mm	Material thickness	1.5 mm
Installation advice	Terminal rail / mounting plate	Material thickness of flange	3 mm
Material thickness of cover	1.5 mm	Opening angle lid	130 °
Max. payload	37 kg	Position PE bolts	Page C
Overall dimensions	306 x 357 x 210	Material	Stainless steel 1.4404 (316L)
Standards	DIN EN 62208 - Empty enclosure standard, DIN EN 61373 Class 1B**, DIN EN 15085-2, EN 60079-0, EN 60079-7, EN 60079-31, IEC 60079-0, IEC 60079-7, IEC 60079-31	Surface finish	electropolished
Seal material	Silicone	Operating temperature, max.	135 °C
Operating temperature, min.	-60 °C	Protection degree	IP66
Impact resistance	7 J ATEX version, 10 J version standard	Enclosure attachment	4 welded-on mounting feet with 11 mm holes (2 slotted feet and 2 cross- shaped feet)
Note: protection class	If used in temperature ranges above 105 °C, IP protection is limited to IP 66.	Integral fixing	4, 6 or 9 stud bolts M6 inner (female) thread
Lid attachment	Quarter-turn fastener with slotted insert		

Housing earth

Earth, enclosure, internal	Welded-on M6 stainless- steel earth stud in enclosure body and lid.
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horizontal assembly

WDU 10 / ZDU 10	1x22	WDU 16 / ZDU 16	1x18
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x43	WDU 35 / ZDU 35	1x13
WDU 4 / ZDU 4	2x36	WDU 6 / ZDU 6	2x27

vertical assembly

WDU 10 / ZDU 10	1x22	WDU 16 / ZDU 16	1x19
WDU 2,5 / ZDU 2,5 / IDU 2,5	2x44	WDU 35 / ZDU 35	1x14
WDU 4 / ZDU 4	2x37	WDU 6 / ZDU 6	2x28

Classifications

ETIM 6.0	EC002503	eClass 6.2	27-14-91-07
eClass 7.1	27-14-91-07	eClass 8.1	27-14-91-07
eClass 9.0	27-18-05-02	eClass 9.1	27-18-05-02

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Technical data**Product information**

Product information

Minimum Order Quantity is applicable (20 pcs.).

**Customer specific test is required for application compliance.

Approvals

Approvals



ROHS

Conform

Downloads

Approval/Certificate/Document of Conformity

[Attestation of Conformity - Klippon TB Empty Enclosures - AoC DE PS261X 160309 001ISS01](#)
[EU Declaration of Conformity - Klippon TB Empty Enclosures - DoC DE PS261X 160412 001ISS01](#)

Brochure/Catalogue

[MB OVERV. PROCESS WD DE](#)
[MB KLIPPON ENCL.TECN EN](#)
[MB PROCESS EN](#)
[FL WIND 2012 EN](#)
[FL APPL PROCESS EN](#)
[FL SHIPBUILDING 2016 EN](#)
[FL RAILWAY 2014 EN](#)
[PI KLIPPON TB MH QL EN](#)

Engineering Data

[EPLAN_WSCAD](#)

Tender specification

[Klippon TB QL 303020 S4E0_1200060000_DE](#)
[Klippon TB QL 303020 S4E0_1200060000_EN](#)
[Klippon TB QL 303020 S4E0_1200060000_NL](#)

User Documentation

[MB KLIPPON ENCL.TECN DE](#)
[Assembly guidelines - empty enclosures](#)

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Drawings

